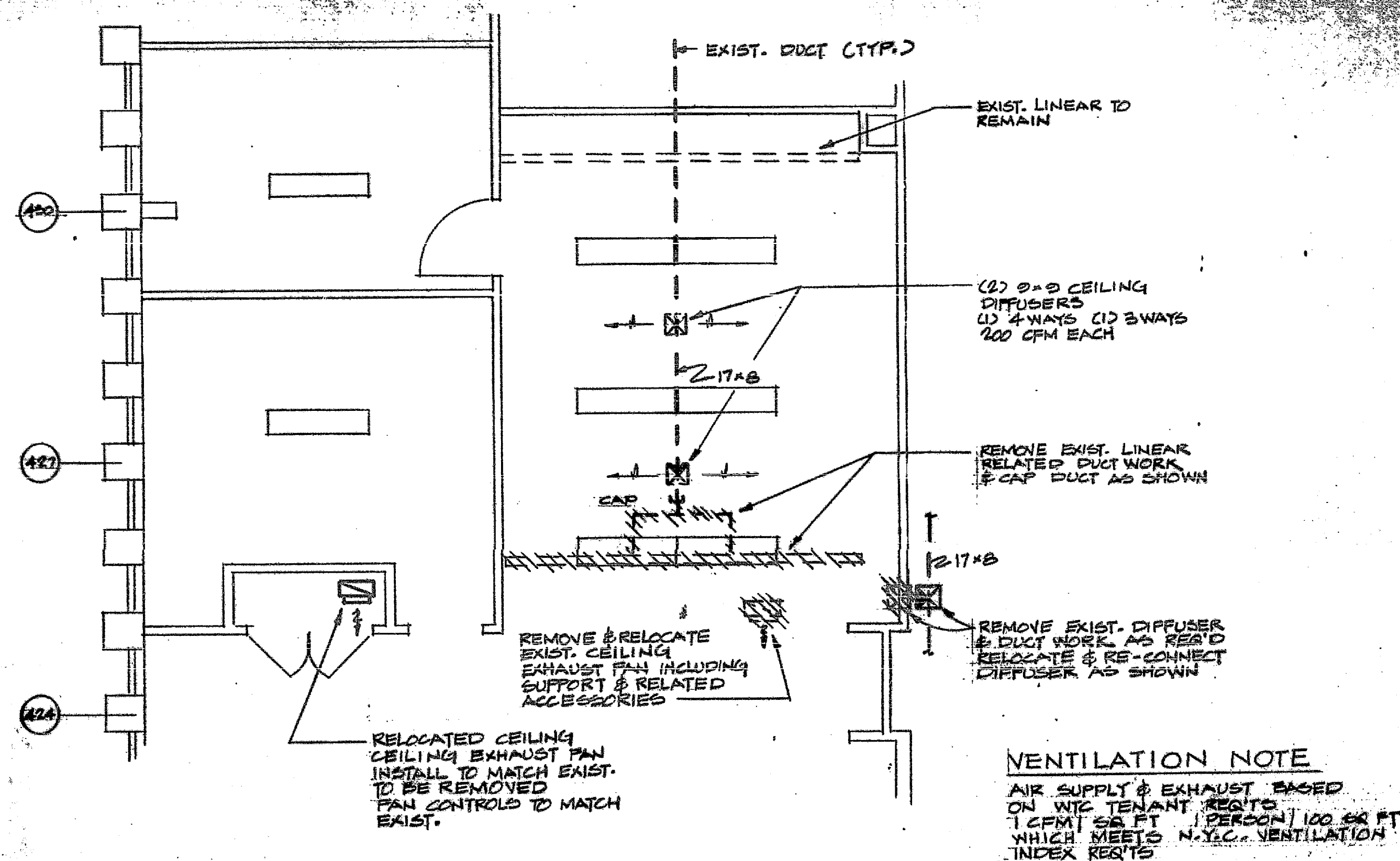


A-105
CANTOR, FITZGERALD SECURITIES
M-1



PART PLAN - 105TH FLOOR
SCALE: 1/4" = 1'-0"

MECHANICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY AND STATE CODES FOR A PERIOD OF ONE (1) YEAR FROM DATE OF COMPLETION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY AND STATE CODES. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY AND STATE CODES. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY AND STATE CODES.

1. The contractor shall submit the shop drawings of the proposed work to determine the existing conditions that may affect his work.
2. It is the intention of the contract drawings and specifications to call for finished work, tested and ready for operation. All materials shall be of first quality.
3. All materials shall be suitable for the work and comply with the specifications and to all respects ready for operation, even if not particularly specified, shall be provided by the Contractor at no additional cost.
4. The Contractor shall be responsible for the protection of all existing work and shall be liable for any damage to existing work during construction period, whether or not due to the Contractor's negligence shall be repaired or replaced by the Contractor and left in a condition satisfactory to the Engineer.
5. The Contractor shall coordinate all work with the architect, engineer and ceiling.

DUCTWORK

1. All ductwork shall be furnished, installed and supported in accordance with the latest edition of the Federal Low and High Velocity Ductwork Installation Standards Manual, being prime source of information. All square elbows shall be provided with turning vanes or mitered 45° elbows. Provide access doors at all fire and automatic dampers for access.
2. All branches and take-offs shall be equipped with volume controllers.
3. Support horizontal ducts with hangers spaced so structural steel shall show at intervals not exceeding 10'-0". Install additional supports as required.

CEILING DIFFUSERS

Model numbers specified shall be manufactured by Anderson, Matheson or an approved equal. All finishes shall be based white enamel.

1. Diffusers (Supply) Model # with No. 41 cone pattern (2-WAY) MODEL OF WITH NO. 41 CONE PATTERN (2-WAY)
2. Damper Damper for diffusers shall be Model D-1.

BALANCING

The Contractor shall provide the services of an air balancing and hydronic testing specialist who specializes in Heating, Ventilating and Air Conditioning systems. Therefore all balancing in accordance with Sheet Metal and Air Conditioning Contractors National Association (SMACNA) standards.

SUBMITTALS

Submit for approval three (3) sets of Shop Drawings of ductwork; three (3) sets of catalog cuts for ceiling diffusers; and three (3) copies of Air Balancing Data Report.

APPLICABLE STANDARDS, CODES AND PUBLICATIONS

This entire installation shall be manufactured, tested and installed to conform, as a minimum, to provisions of the following Codes and Standards except where otherwise specified elsewhere herein or shown on the Contract Drawings.

- A. National and New York Electrical Code
- B. National Fire Protection Association (N.F.P.A.)
- C. New York City Building Code
- D. Underwriters Laboratories, Inc. (U.L.)
- E. American National Standards Institute, Inc. (A.N.S.I.)

JOHN C. WESTRICK & ASSOCIATES 3148 PARK AVE. SO. PLAINFIELD, N.J. 07080			
	CANTOR, FITZGERALD SECURITIES CO. WORLD TRADE CENTER N.Y.N.Y. 105 TH FL.		
	MECHANICAL PLAN		
	DWN BY: V.V.	CHK: J.C.W.	DATE: 10-10-85

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